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~~SECRET NOFORN DISSEM~~

FORT BAYARD
PORT FACILITIES
CHINA

21° 16' N / 110° 23' E

Declassification review by NIMA/DOD

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IB - 148/64
23 March 1964
Copy # 1

MEMORANDUM FOR: Chief, Manufacturing and Services Division, ORR
ATTENTION : [REDACTED]
THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS
FROM : Chief, CIA/PID (NPIC)
SUBJECT : Chan-Chiang (Fort Bayard) Port Facilities, China
REFERENCES : (1) ORR Requirement No. C-RR4-81,025
(2) CIA/PID Project No. C-269/64

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1. This memorandum is in response to the above referenced requirement requesting a detailed analysis, using comparative photo coverage, of the port facilities at Chan-Chiang, China (21°16'N/110°23'E).

2. Chan-Chiang, one of the largest ports in southern China, is presently undergoing expansion. A detailed photo analysis was made on the port facilities from Photo Missions [REDACTED] to determine the extent of this expansion. Between [REDACTED] 13 warehouse/barracks and two administration buildings have been completed. An additional 16 warehouse/barracks were noted under construction on Photo Mission [REDACTED]. None of these buildings are located near the water front, but they appear to be a part of the general port facilities, as they are easily reached from the quays and piers. The exact placement of these buildings, with relationship to the shoreline, may be seen on enclosure CIA/PID/IB-P-468/64 where they are annotated.

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3. The port facilities consist of eight piers, three wharfs, two quays, three marine railways, two POL storage areas, two ammunition storage bunkers, and numerous warehouses and open storage areas. The port area, as interpreted from Photo Mission [REDACTED] has only 12 vessels of importance. Eight vessels of importance were observed on Photo Mission [REDACTED]. All other vessels on both photo missions are either barges, tug boats, or junks.

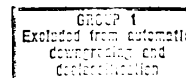
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A detailed photo analysis including measurements is given on enclosures Table I and Table II. The annotation numbers on these tables refer to items on enclosures CIA/PID/IB-P-467/64 and P-468/64. All measurements are approximate.

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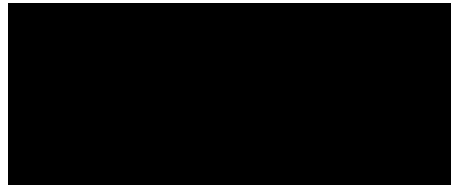


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4. The photo analyst assigned to this requirement was [REDACTED] who can be contacted on extension 2547 should any further information concerning this memorandum be desired. This requirement is considered complete.



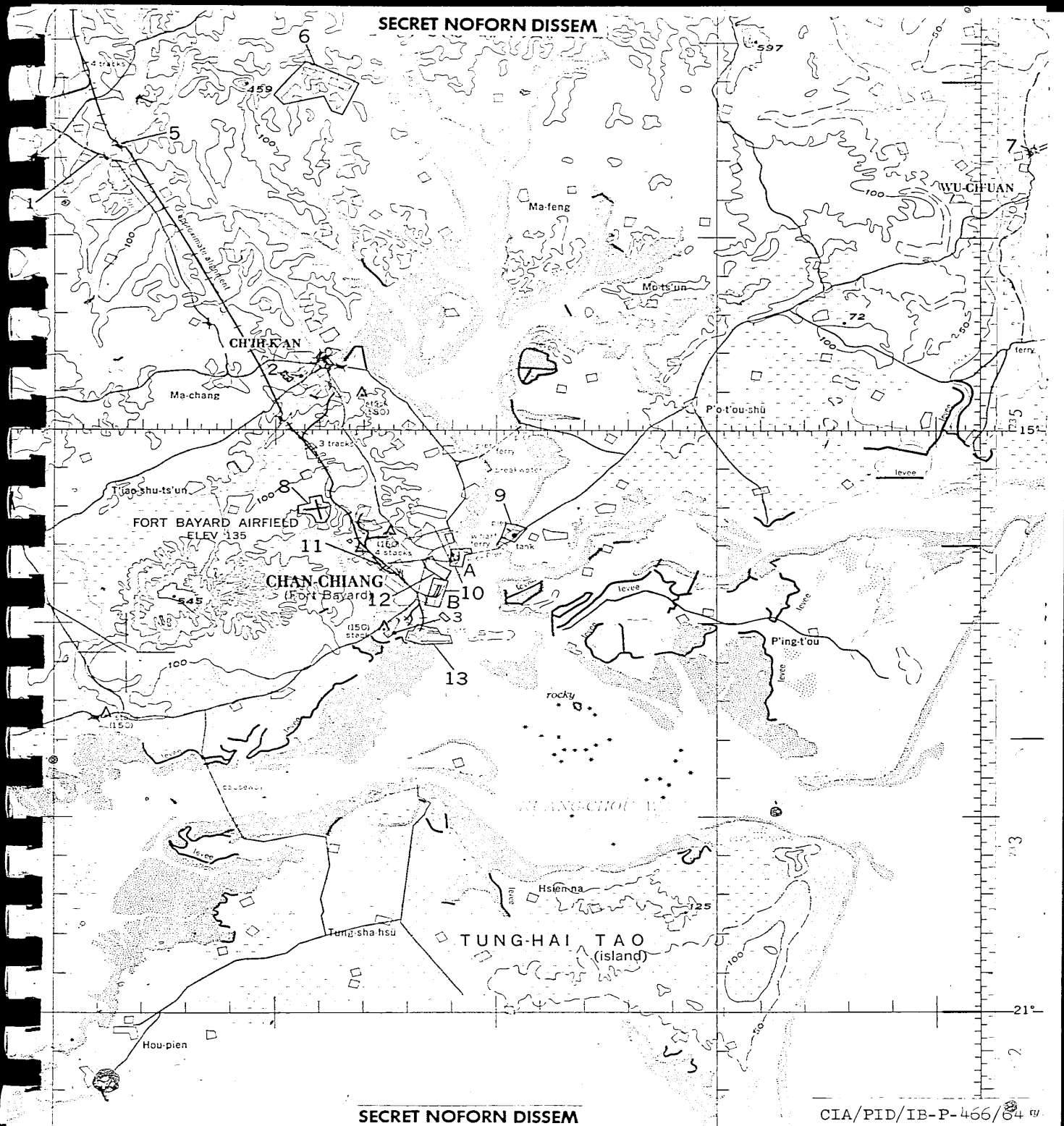
Enclosures:

- 1 Annotated Map
(CIA/PID/IB-P-466/64)
- 2 Annotated Enlargements
(CIA/PID/IB-P-467/64 and P-468/64)
- 2 Tables

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CIA/PID/IB-P-466/84 rw

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TABLE I

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ANNO. NO.	IDENT.	ANALYSIS	MEASUREMENTS
25X1D	1. Coastal Minesweeper [REDACTED]	This vessel appears to be converted to a Gun-Boat	[REDACTED]
25X1D	2. Coastal Minesweeper [REDACTED]	This vessel appears to be converted to a Gun-Boat	[REDACTED]
	3. Coastal Freighter	No Remarks	110 Feet Long
	4. Coastal Freighter	No Remarks	200 Feet Long
	5. Ocean-Going Freighter	No Remarks	425 Feet Long
	6. Ocean-Going Freighter	No Remarks	490 Feet Long
	7. Ocean-Going Freighter	No Remarks	440 Feet Long
	8. Ocean-Going Freighter	No Remarks	320 Feet Long

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TABLE II

25X1C

ANNO. NO.	IDENTIFICATION	ANALYSIS	MEASUREMENTS
1.	2 Marine Railways	A 100 feet long vessel is the largest vessel that can be repaired at either railway.	Each are 220 feet long
2.	"T" Head Pier	Used for berthing and refueling. Six vessels are docked here. The two next to the pier are gun-boats measuring 70 feet in length.	Extends 450 feet into river and is 160 feet across the head of the "T".
3.	Salt Evaporator	No remarks	
4.	POL Storage tank	One additional POL tank is under construction	
5.	Wharf	A ferry boat 210 feet in length is docked here	
6.	Wharf	Two old U.S. Coastal Minesweepers each [REDACTED] and one ferry 200 feet long are docked here.	
7.	Two piers	These piers are for small vessels only.	(1) 90 feet long (2) 50 feet long
8.	Warehouse	New building	90 by 25 feet
9.	"L" shaped administration building	New building	
10.	Salt evaporator	No remarks	
11.	Coastal freighter	No remarks	200 feet long

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TABLE II (con't)

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ANNO. NO.	IDENTIFICATION	ANALYSIS	MEASUREMENTS
12.	Pier	No remarks	180 feet long
13.	Pier	Used for cargo	1,150 feet long
14.	Coastal Freighter	No remarks	110 feet long
15.	Wharf	Used for cargo	590 by 230 feet
16.	Tanker	No remarks	160 feet long
17.	Quay	Used for small vessels only	1,065 feet long
18.	Two piers	No remarks	
19.	"Swatow" class PF vessel	No remarks	
20.	Pier	No remarks	145 feet long
21.	Marine railway	The largest vessel that can be repaired here can be no longer than a 130 feet.	180 feet long
22.	19 New barracks	7 are complete, 12 under construction	
23.	2 New barracks	One of the two is complete	Each 135 by 20 feet
24.	2 New storage buildings	Both buildings are complete	
25.	New administration building	Complete	220 by 45 feet
26.	Refueling Pier	No remarks	190 feet long

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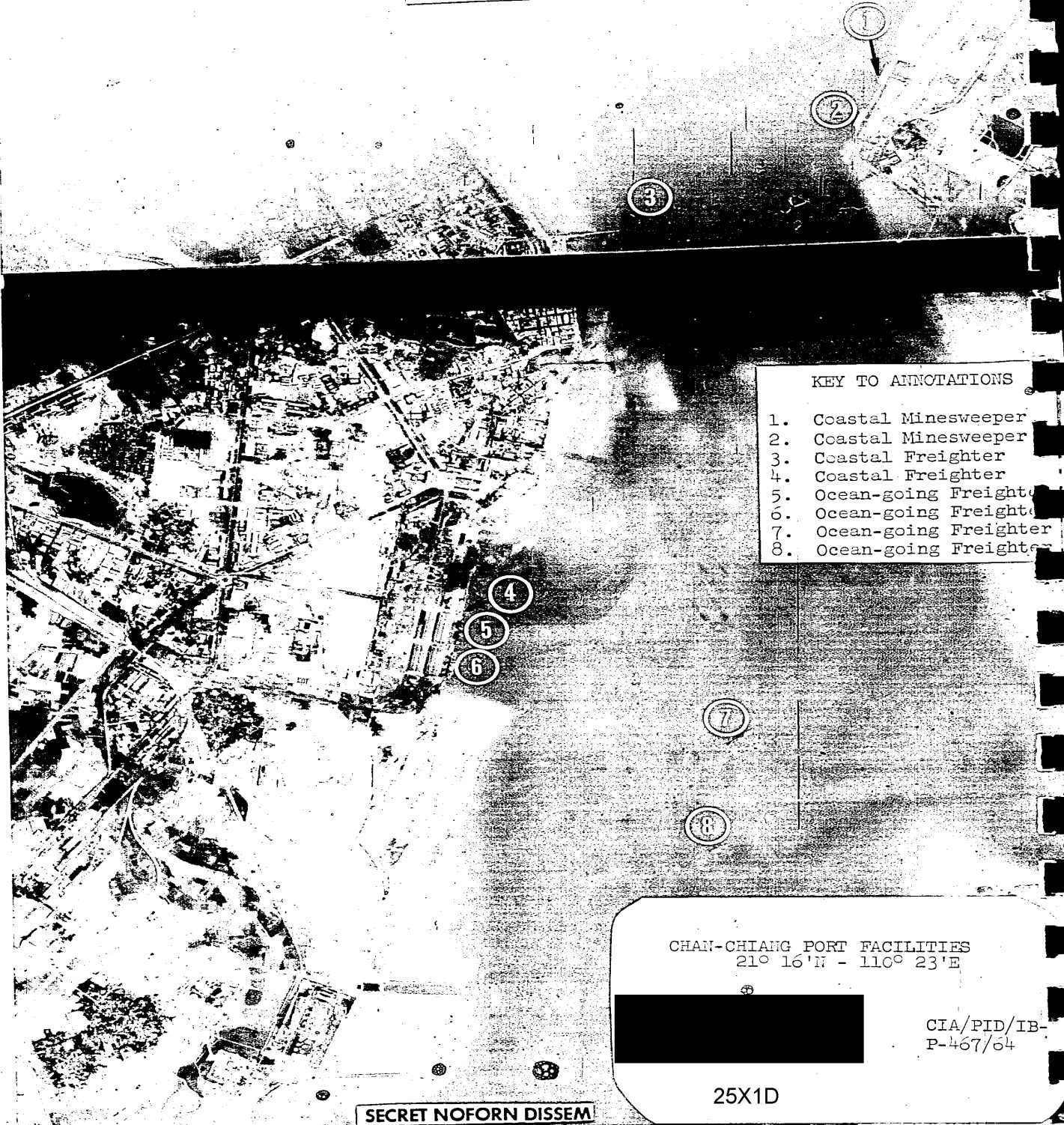
TABLE II (con't)

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ANNO. NO.	IDENTIFICATION	ANALYSIS	MEASUREMENTS
27.	Wharf	No remarks	210 by 190 feet
29.	Ocean-Going Freighter	No remarks	25X1D
30.	Three JIB Cranes	No remarks	
31.	Quay	No remarks	2,500 feet long
32.	Two new warehouses	One is under construction	110 by 50 feet (ea)
33.	Open storage areas	No remarks	
34.	Four warehouses	No remarks	490 by 175 feet (ca.)
35.	Three warehouses	Two are under construction	(1) 280 by 65 feet (2) 250 by 65 feet (3) 200 by 20 feet
36.	Ocean-Going Freighter	No remarks	475 by 60 feet
37.	Probable water in-take	No remarks	
38.	POL storage tanks	No remarks	
39.	"T" head pipeline pier	No remarks	3,740 feet long and 410 feet across head of the "T"
40.	Two ammo bunkers	No remarks	

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KEY TO ANNOTATIONS

1. Coastal Minesweeper
2. Coastal Minesweeper
3. Coastal Freighter
4. Coastal Freighter
5. Ocean-going Freighter
6. Ocean-going Freighter
7. Ocean-going Freighter
8. Ocean-going Freighter

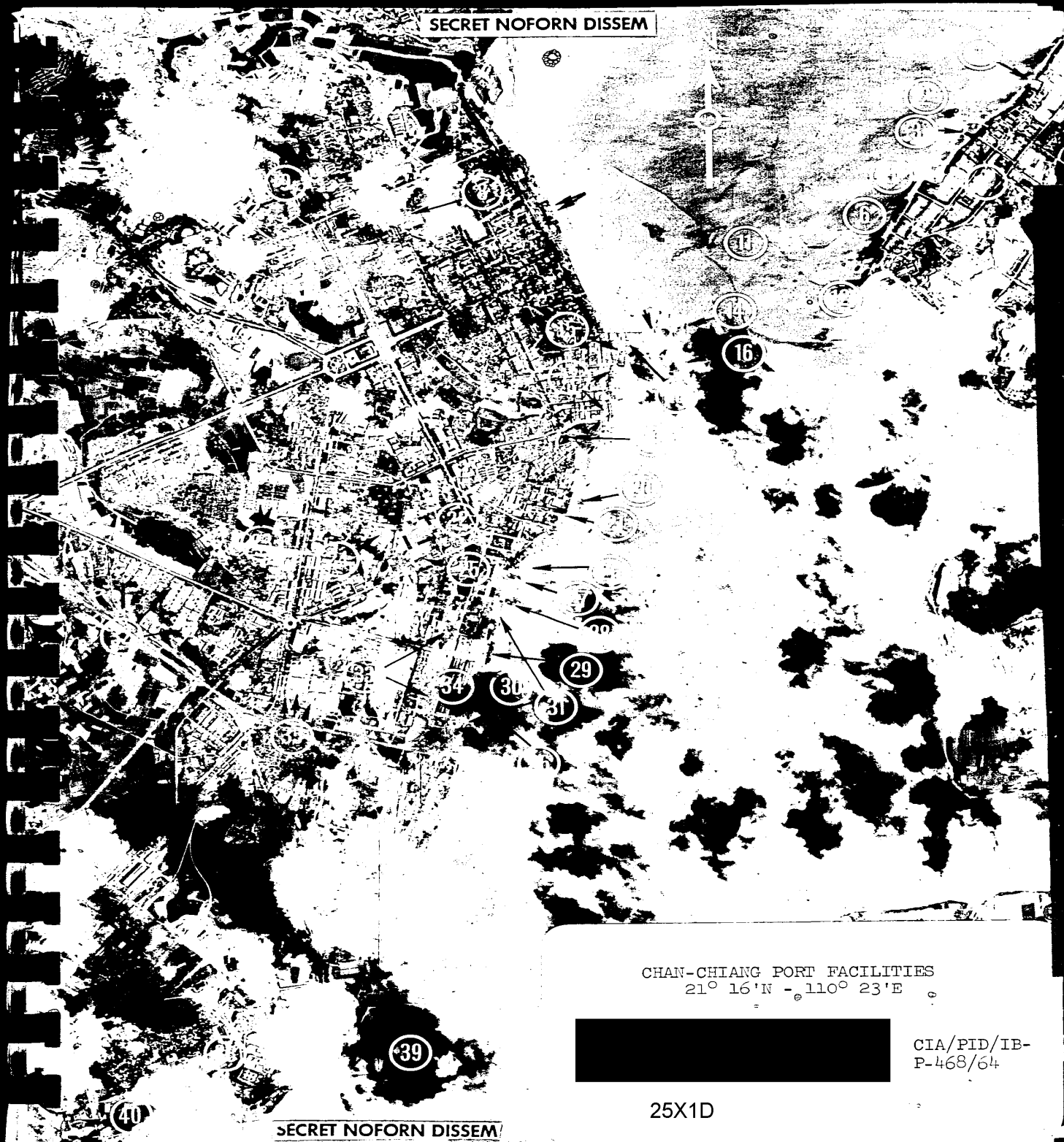
CHAN-CHIANG PORT FACILITIES
21° 16' N - 110° 23' E

CIA/PID/IB-
P-467/64

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CHAN-CHIANG PORT FACILITIES
21° 16'N - 110° 23'E

CIA/PID/IB-
P-468/64

25X1D

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Key To Annotations

1. Two marine railways
2. "T" head pier with six vessels docked at it
3. Salt evaporator
4. POL storage tank
5. Wharf with a ferry boat
6. Wharf with two old coastal minesweepers
7. Two piers
8. Warehouse (new building)
9. "L" shaped administration building
10. Salt evaporator
11. Coastal freighter
12. Pier
13. Pier
14. Coastal freighter
15. Wharf
16. Tanker
17. Quay
18. Two piers
19. "Swatow" class PF vessel
20. Pier
21. Marine Railway
22. 19 new barracks
23. 2 new barracks
24. 2 new storage buildings
25. New administration building
26. Refueling pier
27. Wharf
28. 9 barges
29. Ocean-going freighter
30. Three jib cranes
31. Quay
32. Two new warehouses
33. Open storage areas
34. Four warehouses (new)
35. Three warehouses (new)
36. Ocean-going freighter
37. Probable water in-take
38. POL storage tanks
39. "T" head pipeline pier
40. Two ammo bunkers